

Amendments to the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

1 – 21 (cancelled)

22. (new) A method for a combustion of a fuel in a combustion chamber, comprising:  
mixing the fuel and a combustion air before entry into the combustion chamber;  
discharging a first portion of the mixture into the combustion chamber such that the first portion circulates in the combustion chamber;  
adding a further fuel to the circulating mixture until the circulating mixture ignites; and  
injecting a second portion of the mixture into the combustion chamber generally perpendicular to a direction of a hot combustion gas flowing away from the circulating mixture such that the second portion mixes with the hot combustion gas and combusts prior to exiting from the combustion chamber.

23. (new) The method as claimed in claim 22, wherein a ratio of the combustion air to the fuel mixed before entry into the combustion chamber is higher than a ratio of the combustion air to the fuel after adding the further fuel in the combustion chamber.

24. (new) The method as claimed in claim 22, wherein the first and second portions are discharged into the combustion chamber via a body arranged centrally in the combustion chamber.

25. (new) The method as claimed in claim 22, wherein the fuel is a gas or liquid fuel.

26. (new) The method as claimed in claim 22, wherein the circulating mixture circulates in a peripheral region of the combustion chamber.

27. (new) The method as claimed in claim 22, wherein the combustion chamber is cylindrical or annular in shape.

28. (new) The method as claimed in claim 22, wherein the first and second portions are discharged into the combustion chamber in an radial manner via physically separated nozzles and as a common stream which is divided within the combustion chamber.

29. (new) The method as claimed in claim 22, wherein the further fuel is discharged into the combustion chamber in an axial manner.

30. (new) The method as claimed in claim 22, wherein between 5% to 25% of a total gas mass of the combined fuel and combustion air is supplied to circulating mixture at a time.

31. (new) The method as claimed in claim 22, wherein between 10% to 20% of a total gas mass of the combined fuel and combustion air is supplied to circulating mixture at a time.

32. (new) A device for a combustion of a fuel in a combustion chamber, comprising:  
a mixer that mixes the fuel and a combustion air before entry into the combustion chamber;

a first discharger that discharges a first portion of the mixture into the combustion chamber such that the first portion circulates in the combustion chamber;

a passageway that supplies a further fuel into the circulating mixture of the first portion until the circulating mixture ignites; and

a second discharger that discharges a second portion of the mixture into the combustion chamber generally perpendicular to a direction of a hot combustion gas flowing away from the circulating mixture such that the second portion mixes with the hot combustion gas and combusts prior to exiting from the combustion chamber.

33. (new) The device as claimed in claim 32, wherein the first and second portions are discharged into the combustion chamber via a body arranged centrally in the combustion chamber.

34. (new) The device as claimed in claim 32, wherein the fuel is a gas or liquid fuel.

35. (new) The device as claimed in claim 32, wherein the circulating mixture circulates in a peripheral region of the combustion chamber.

36. (new) The device as claimed in claim 32, wherein the combustion chamber is cylindrical or annular in shape.

37. (new) The device as claimed in claim 32, wherein the first and second portions are discharged into the combustion chamber in an radial manner via physically separated nozzles and as a common stream which is divided within the combustion chamber.

38. (new) The device as claimed in claim 32, wherein the further fuel is discharged into the combustion chamber in an axial manner.

39. (new) The device as claimed in claim 32, wherein between 5% to 25% of a total gas mass of the combined fuel and combustion air is supplied to circulating mixture at a time.

40. (new) The device as claimed in claim 32, wherein between 10% to 20% of a total gas mass of the combined fuel and combustion air is supplied to circulating mixture at a time.